

Title (en)  
Smoke detector

Title (de)  
Rauchdetektor

Title (fr)  
Détecteur de fumée

Publication  
**EP 1777670 B1 20090121 (DE)**

Application  
**EP 06020998 A 20061006**

Priority  
DE 102005050451 A 20051019

Abstract (en)  
[origin: EP1777670A2] A smoke detection procedure transmits (2) a fixed clock frequency intensity modulated light signal (6) via a reflector (5) to a receiver (3) that recognises the reflected signal (7) by its clock frequency and processes it to compare its amplitude with the transmitted value and trigger an alarm or make maintenance cycle adjustments.

IPC 8 full level  
**G08B 17/103** (2006.01); **F16P 3/14** (2006.01); **G01V 8/14** (2006.01); **G08B 13/184** (2006.01); **G08B 29/04** (2006.01); **G08B 29/24** (2006.01)

CPC (source: EP)  
**G08B 17/103** (2013.01); **G08B 29/043** (2013.01); **G08B 29/24** (2013.01); **G08B 17/113** (2013.01)

Cited by  
EP3889579A1; EP4270344A1; US11913873B2; US11900791B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1777670 A2 20070425; EP 1777670 A3 20070725; EP 1777670 B1 20090121**; AT E421742 T1 20090215; DE 102005050451 A1 20070503; DE 502006002695 D1 20090312

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